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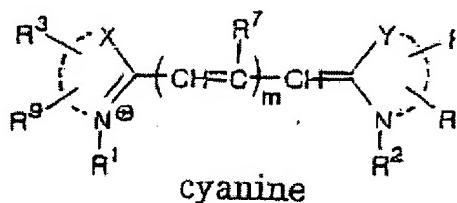
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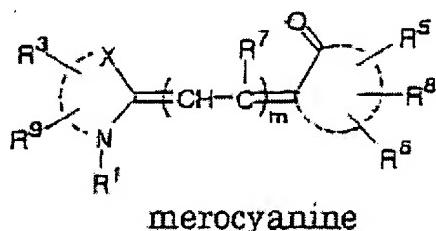
AMENDMENTS TO THE CLAIMS:

1. (currently amended) A fluorescent nucleotide represented by the formula: A-B-C, wherein A represents a residue of natural or synthetic nucleotide, oligonucleotide, polynucleotide, or derivative thereof, and binds to B at a base moiety in said residue; B represents a divalent linking group or a single bond; and C represents a monovalent group derived from a fluorescent dye having ~~0 or 1 sulfonic acid group or phosphoric acid group in a molecule no sulfonic acid group and no phosphoric acid group in a molecule, and having a water soluble group other than a sulfonic acid group, a phosphoric acid group, or a carboxylic acid group in said molecule.~~
2. Withdrawn.
3. (original) The fluorescent nucleotide according to claim 1, wherein the fluorescent dye is a cyanine, merocyanine, or styryl fluorescent dye.
4. Withdrawn.

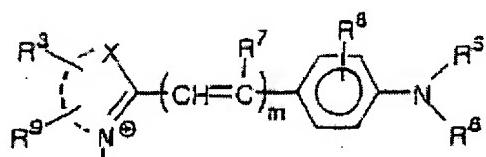
5. (original) The fluorescent nucleotide according to claim 3, wherein the cyanine, merocyanine, or styryl fluorescent dye is a fluorescent dye represented by the following formulae,



cyanine



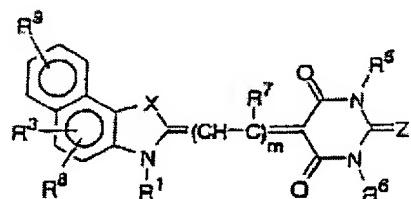
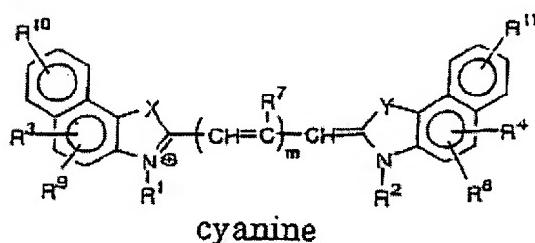
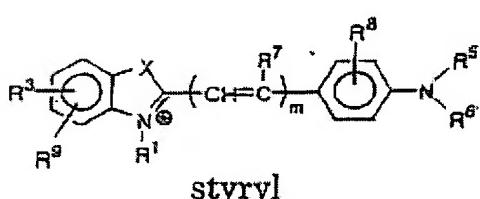
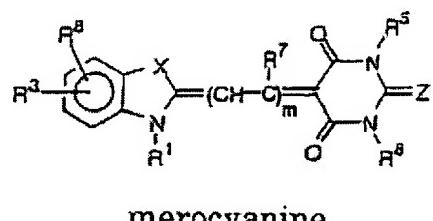
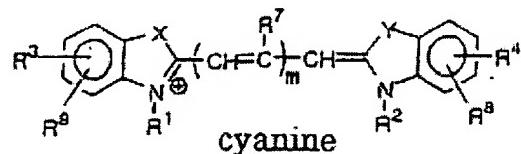
merocyanine



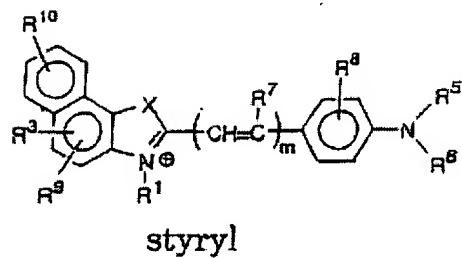
styryl

6. Withdrawn.

7. (original) The fluorescent nucleotide according to claim 3, wherein the cyanine, merocyanine, or styryl fluorescent dye is a fluorescent dye having a structure represented by the following formulae,



merocyanine



wherein X and Y are each independently selected from the group consisting of O, S, and C(CH₃)₂; Z is selected from the group consisting of O and S; m is an integer selected from the group consisting of 1, 2, 3 and 4; R¹ and R² each independently represent a hydrogen atom or an alkyl group that may be substituted with a reactive group capable of covalently binding to B, and an oxygen atom or a sulfur atom may be involved in an alkyl chain of the alkyl group, wherein at least one of R¹ and R² represents an alkyl group that may be substituted with a reactive group capable of covalently binding to B; and R³ to R¹¹ each independently represent a hydrogen atom or a monovalent substituent, and two adjacent groups thereof may bind to form a ring.

G
8. Withdrawn.

9. (original) The fluorescent nucleotide according to claim 5, wherein at least one of R¹ and R² is an alkyl group substituted with an active ester group capable of covalently binding to an amino group, a hydroxyl group or a thiol group in the group B.

10. Withdrawn.

11. (original) The fluorescent nucleotide according to claim 5, wherein at least one of R¹ and R² is an alkyl group substituted with a carboxyl group.

12. Withdrawn.

13. (original) The fluorescent nucleotide according to claim 1, wherein A is a residue of nucleotide or derivative thereof.

14. Withdrawn.

15. (original) The fluorescent nucleotide according to claim 1, wherein A represents a residue of natural or synthetic nucleotide or derivative thereof selected from (1) the group consisting of nucleotides consisting of AMP, ADP, ATP, GMP, GDP, GTP, CMP, CDP, CTP, UMP, UDP, UTP, TMP, TDP, TTP, 2-Me-AMP, 2-Me-ADP, 2-Me-ATP, 1-Me-GMP, 1-Me-GDP, 1-Me-GTP, 5-Me-CMP, 5-Me-CDP, 5-Me-CTP, 5-MeO-CMP, 5-MeO-CDP, and 5-MeO-CTP; (2) the group consisting of deoxynucleotides and dideoxynucleotides corresponding to said

nucleotides; and (3) the group consisting of derivatives further derived from nucleotides described in said (1) and (2).

16. Withdrawn.

17. (original) The fluorescent nucleotide according to claim 1, wherein B is a linking group consisting of -CH₂-, -CH=CH-, -C≡C-, -CO-, -O-, -S-, -NH-, or combinations thereof, wherein a hydrogen atom on the linking group may be further substituted with a substituent.

18. Withdrawn.

19. (original) The fluorescent nucleotide according to claim 17, wherein B is an aminoallyl group.

20. Withdrawn.

21. Withdrawn.

22. Withdrawn.

23. Withdrawn.

24. Withdrawn.

25. Withdrawn.

26. Withdrawn.

27. (original) A diagnostic agent or a reagent for detecting nucleic acids, which consists of the fluorescent nucleotide according to claim 1.

28. Withdrawn.

29. Withdrawn.

30. Withdrawn.

Please enter the following new claim.

31. (new) The fluorescent nucleotide of claim 1, wherein said water soluble group is a sulfonamide group or an ether group.

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